

Amendments to the Specification:

Please replace paragraph [0008] with the following amended paragraph:

[0008] The present invention ~~pertain~~ pertains to a liquid measuring device that measures a fixed volume of liquid including a first barrel having a proximal and distal end and a gas or vapor permeable but liquid impermeable barrier situated in the barrel between the proximal and distal ends, whereby the liquid can only be filled up to the barrier. In a preferred embodiment, the volume in the barrel up to the barrier equals the fixed volume. The liquid measuring may further include a means to position the barrier to deliver a fixed volume of liquid, whereby the liquid can only be filled up to the barrier.

Please replace paragraph [0025] with the following amended paragraph:

[0025] These and other ~~feature~~ features of this invention will now be described with reference to the drawings of preferred embodiments which are intended to illustrate and not to limit the invention.

Please replace paragraph [0042] with the following amended paragraph:

[0042] The membrane barrier can be thermally bound to the syringe or ~~pipet~~ pipette. It can also be attached to the syringe or ~~pipet~~ pipette with an adhesive or connected to the syringe barrel by a coupling device. The coupling device may be connected to an insert for altering the position of the membrane barrier. The position of the membrane barrier can be adjusted by the length of the insert. The insert may be secured with a holder.

Please replace paragraph [0044] with the following amended paragraph:

[0044] In the first embodiment (FIG. 2), a gas or vapor permeable liquid impermeable membrane 1 is fixed into the pipette 7 or syringe 6 and held in place at the desired maximum volume by means known in the art. The syringe includes a plunger 3. The syringe can have a metal or plastic needle with or without a needle cap. In one embodiment (FIGS. 3A-3D), a coupling device 2 is used which is larger or smaller than the diameter of the pipette 7 or syringe 6. Two parts of the ~~pipet~~ pipette or syringe with different lengths can be joined together with such a coupling device.

Please replace paragraph [0045] with the following amended paragraph:

[0045] Coupling of the membrane barrier to the syringe or pipette is shown in FIGS. 3A, 3B, 3C, 3D and FIG. 4. The membrane can be inserted into the syringe or ~~pipet~~ pipette from the top of the pipette or syringe by an insert 4 which may be secured with a holder 5 and its position varied by any means known in the art such as by a screw (FIG. 5) or a slidable adjustment (FIG. 4). FIG. 3D shows an insert which has a larger diameter than the pipette or syringe. By adjusting the insert and creating a negative pressure on the upper part of the pipette or syringe, the fluid can be loaded into the syringe or pipette up to the barrier.

Please replace paragraph [0085] with the following amended paragraph:

[0085] The aldehyde solution can be measured and transferred by means known in the art such as by a regular ~~pipet~~ pipette or syringe. In a preferred embodiment, the aldehyde solution can be measured and transferred using a liquid measuring device as described herein which features a gas or vapor permeable, liquid impermeable, membrane. The use of the liquid measuring device

containing the gas or vapor permeable, liquid impermeable membrane of the present disclosure has the advantage that the liquid can be transferred easily using a simple operation with consistent results.

Please replace paragraph [0086] with the following amended paragraph:

[0086] Compound X and Compound Y (FIG. 1) may be in one vial or in two separate vials. They may be transferred using either a ~~pipet~~ pipette or syringe. The aldehyde may be added to compound X and the resulting mixture added to compound Y, the aldehyde may be added to compounds X and Y together, or the aldehyde and chemical Y can be added to the chemical X consecutively. The measuring and/or transferring of the aldehyde test sample can be conducted with a regular ~~pipet~~ pipette or syringe. The gas or vapor permeable liquid impermeable barrier adds many benefits as described previously.